

USA Patent Application  
Jürgen EHRET, et al  
DOOR LOCK HAVING A CLOSING AID  
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Abstract

Door lock having a closing aid

A door lock (12) which is conceived in particular for use in motor vehicle doors has a rotary latch (14) and a closing aid (10) which acts on the latter and, with the aid of a drive, carries along the door to be closed in to the closed position. Known door locks having a closing aid have increased space requirement and cannot readily be accommodated in structurally predetermined constructional spaces. The invention provides the drive of the closing aid such that it is separated structurally from the door lock (12) and provides a flexible drive element for transmitting force from the drive to the rotary latch (14). If appropriate, a deflection roller (26) may be provided and may be designed such that it is moveable in order to bring about an auxiliary opening.